

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/026847

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01M4/92 H01M4/88 H01M8/10 C22C5/04 C22C3/00  
B01J23/89 B01J23/42

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01M C22C B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 469 514 A (N. E. CHEMCAT CORPORATION) 5 February 1992 (1992-02-05) P. 2, lines 43-52; P. 5, lines 21-26; Production Examples 2-4, 6, 7 & 9; Tables 1-4; Claims 1-6	1-17, 20, 21
X	EP 0 355 853 A (N. E. CHEMCAT CORPORATION) 28 February 1990 (1990-02-28) P. 3, lines 10-31; P. 6, lines 2-7; Production Example 3; Tables 1-4; Claims 1, 3, 10, 22, 24 & 29	1-17, 20, 21
X	EP 0 386 764 A (N. E. CHEMCAT CORPORATION) 12 September 1990 (1990-09-12)  P. 3, lines 18-30; P. 6, lines 7-12; Production Examples 2-4, 13 & 17; Tables 1-4; Claims 1-7 & 12-18	1-5, 7-17, 20, 21
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

23 September 2005

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06/10/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Masson, J-P

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	----- EP 0 827 225 A (N.E. CHEMCAT CORPORATION) 4 March 1998 (1998-03-04) P. 2, lines 51-57; P. 3, lines 3-18; P. 5, lines 14-54; Production Examples 1-5, 11, 13, 14, 38 & 39; Tables 1, 3-5 & 7; Claims 1-3, 11 & 14-16	1-71
Y	----- US 4 716 087 A (NIPPON ENGELHARD LTD.) 29 December 1987 (1987-12-29) Col. 2, line 63 - Col. 3, line 7; Col. 4, lines 7-45; Preparative Examples 2-4; Tables 1-4; Claims 1, 3, 4, 10, 11 & 15	1-71
A	----- PATENT ABSTRACTS OF JAPAN vol. 018, no. 209 (C-1190), 13 April 1994 (1994-04-13) & JP 06 007679 A (TANAKA KIKINZOKU KOGYO K.K.), 18 January 1994 (1994-01-18) abstract	1-71
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A	----- GB 1 363 888 A (UNITED AIRCRAFT CORPORATION) 21 August 1974 (1974-08-21) P. 2, lines 44-69; Example II; Claims 1, 3, 4 & 6	1-71
A	----- F. EPRON ET AL.: "Influence of oxidizing and reducing treatments on the metal-metal interactions and on the activity for nitrate reduction of a Pt-Cu bimetallic catalyst" APPLIED CATALYSIS A: GENERAL, vol. 237, no. 1-2, November 2002 (2002-11), pages 253-261, XP004382301 ISSN: 0926-860X the whole document	1-8, 22-71

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Information on patent family members

International Application No

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